

FIG. 1

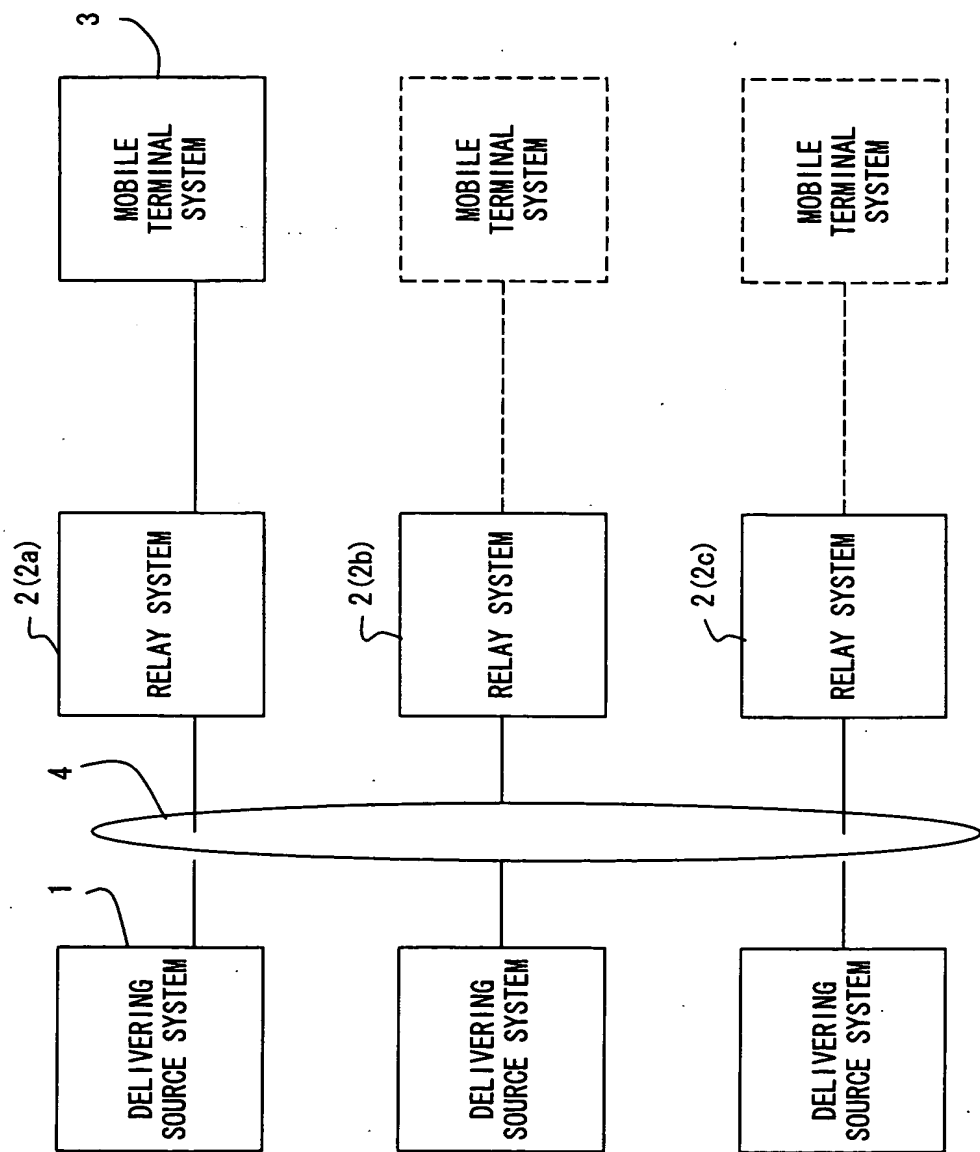


FIG. 2

FIG. 3 is a block diagram of a system for delivering data to a mobile terminal system via a LAN. The system includes a delivering source system (1), a relay system (2), and a mobile terminal system (3). The delivering source system (1) is connected to the relay system (2) via a LAN (4). The relay system (2) is connected to the mobile terminal system (3) via a LAN (4). The mobile terminal system (3) is connected to the LAN (4) via a LAN (4).

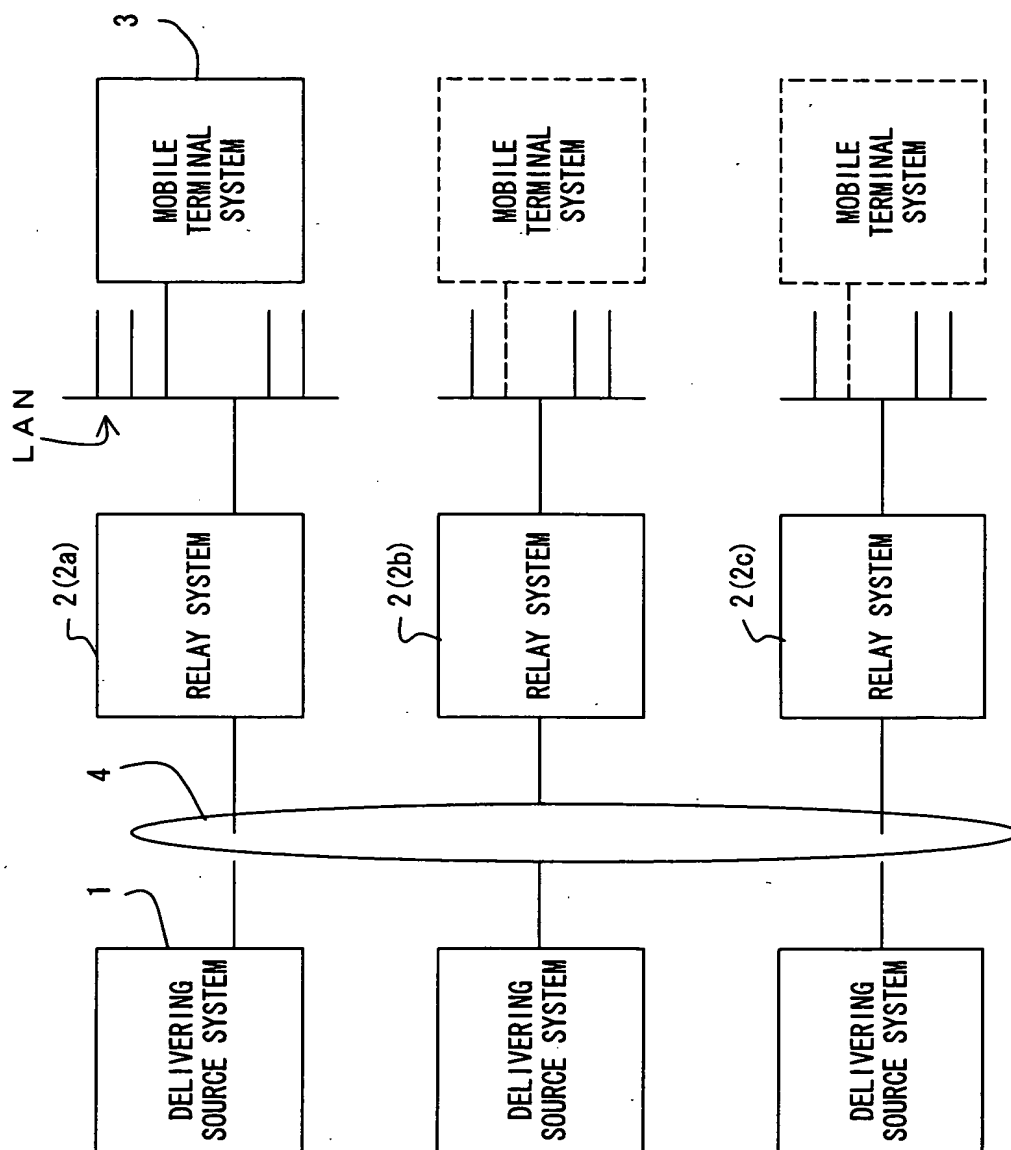


FIG. 3

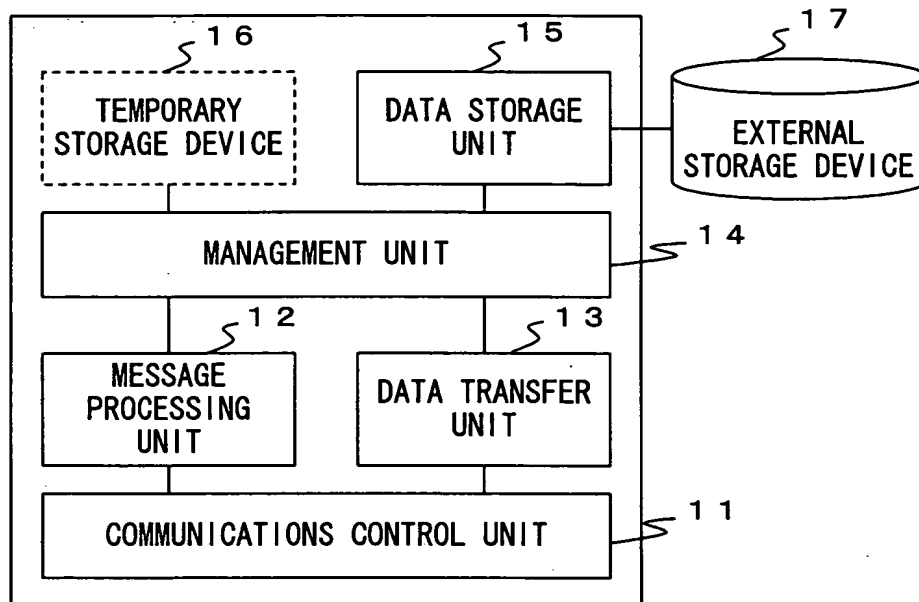


FIG. 4

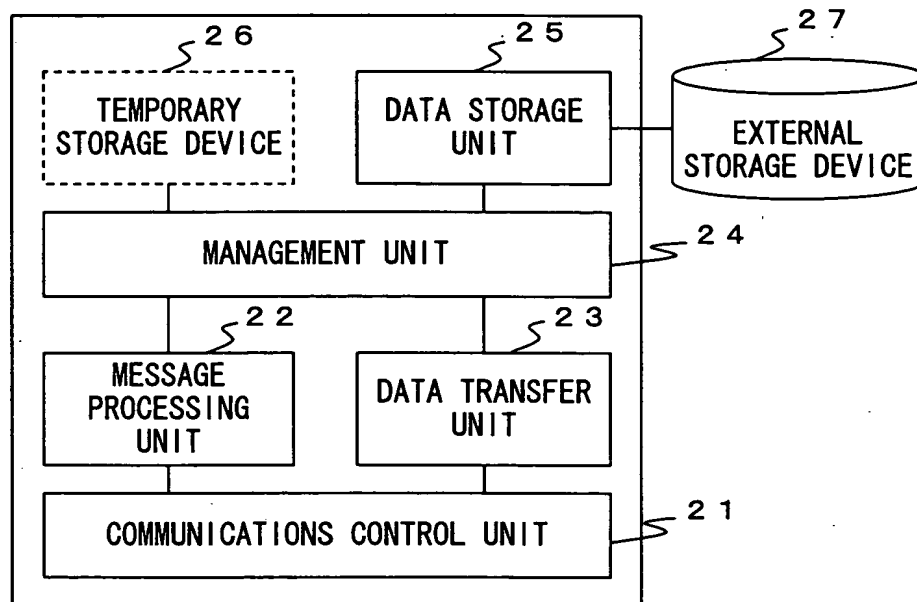
[illegible]

FIG. 5

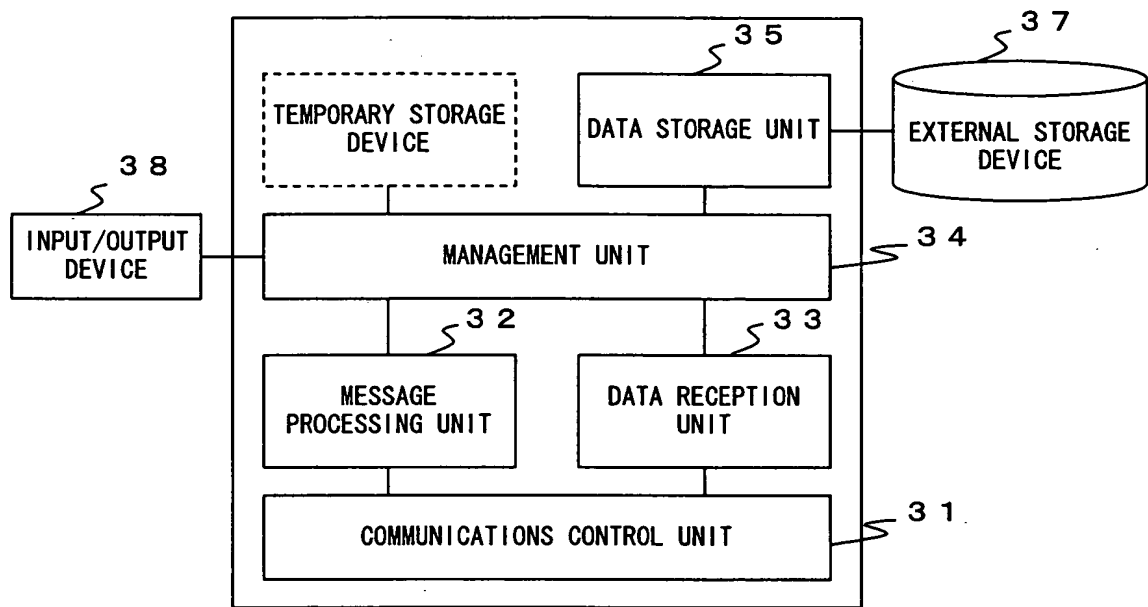


FIG. 6

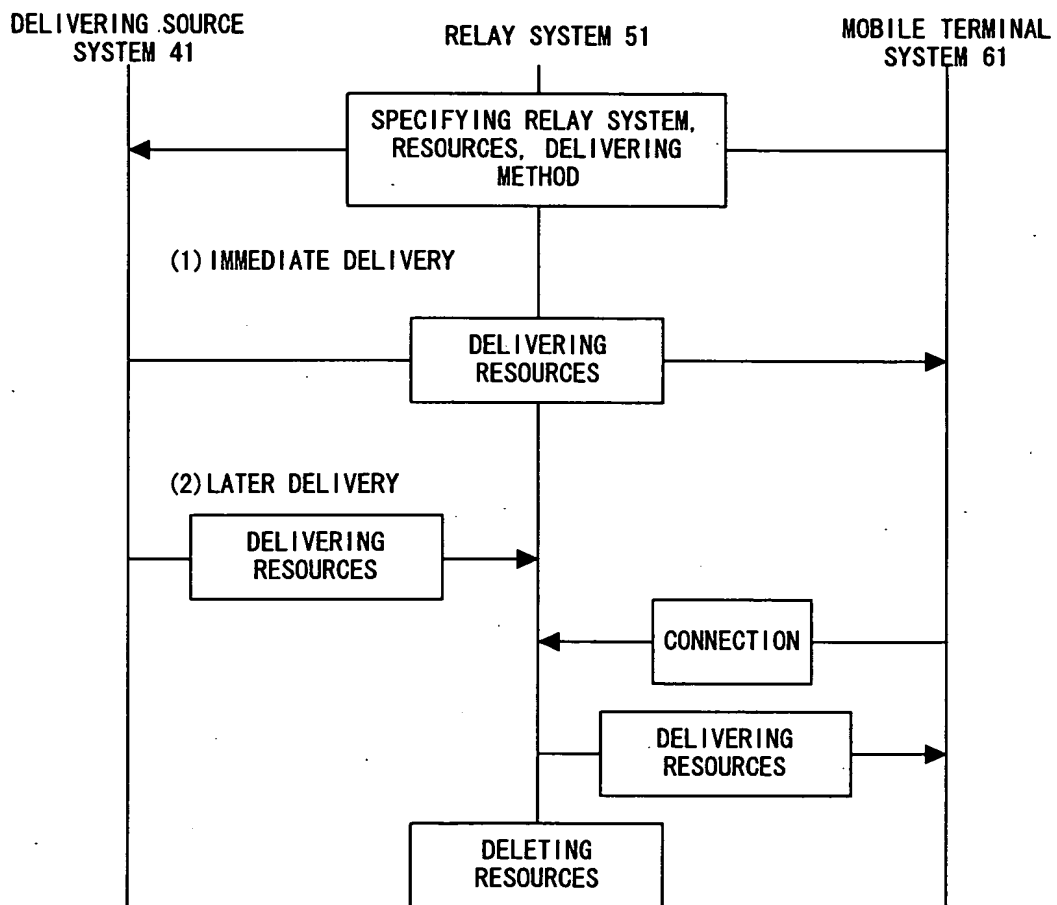


FIG. 7

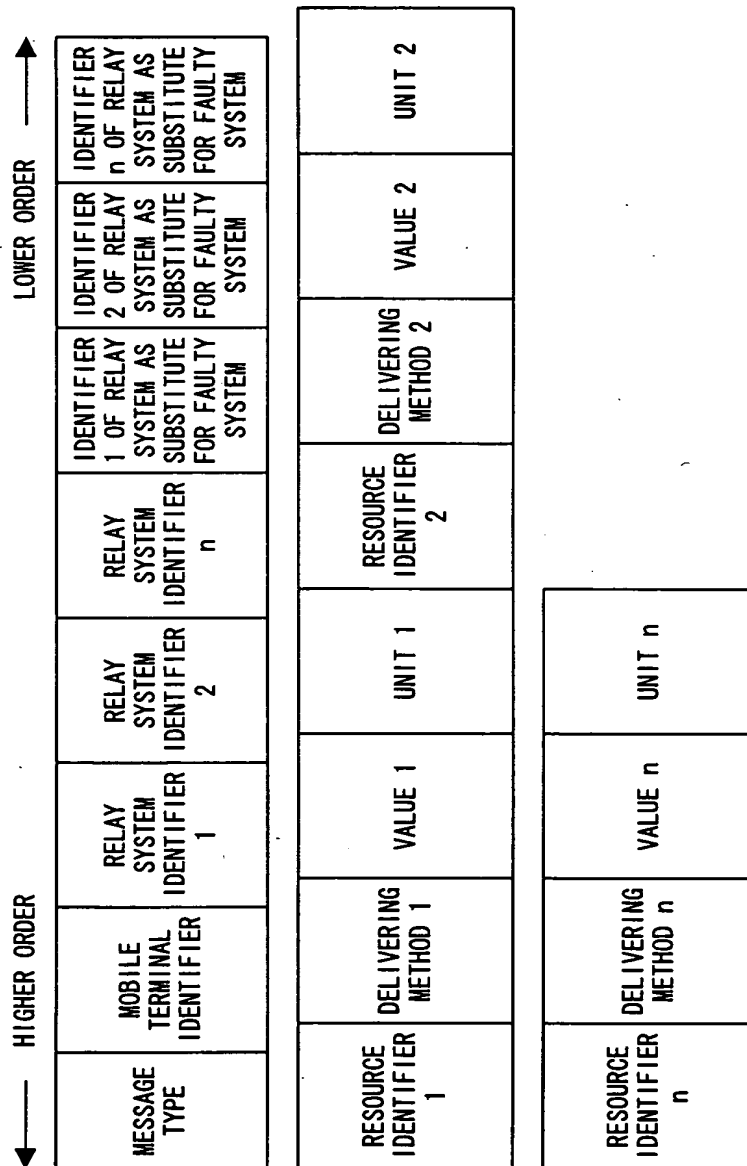


FIG. 8

The diagram illustrates the structure of the Mobile Terminal List and its connections to other system lists. The Mobile Terminal List is a vertical stack of three boxes: MOBILE TERMINAL IDENTIFIER 1, MOBILE TERMINAL IDENTIFIER 2, and MOBILE TERMINAL IDENTIFIER n. Arrows from the first and last identifiers point to the Relay System List, while an arrow from the middle identifier points to the Resource List. The Relay System List is a table with two columns: RELAY SYSTEM IDENTIFIER and DELIVERY STATE, containing entries for 1, 2, and n. The Resource List is a vertical stack of three boxes: RESOURCE IDENTIFIER 1, RESOURCE IDENTIFIER 2, and RESOURCE IDENTIFIER n. The Delivering Method Specification Value is a vertical stack of three boxes: DELIVERING METHOD, VALUE, and UNIT.

MOBILE TERMINAL LIST	
MOBILE TERMINAL IDENTIFIER 1	
MOBILE TERMINAL IDENTIFIER 2	
MOBILE TERMINAL IDENTIFIER n	

RELAY SYSTEM LIST	
RELAY SYSTEM IDENTIFIER 1	DELIVERY STATE
RELAY SYSTEM IDENTIFIER 2	DELIVERY STATE
RELAY SYSTEM IDENTIFIER n	DELIVERY STATE

RESOURCE LIST	
RESOURCE IDENTIFIER 1	
RESOURCE IDENTIFIER 2	
RESOURCE IDENTIFIER n	

DELIVERING METHOD SPECIFICATION VALUE	
DELIVERING METHOD	
VALUE	
UNIT	

FIG. 9

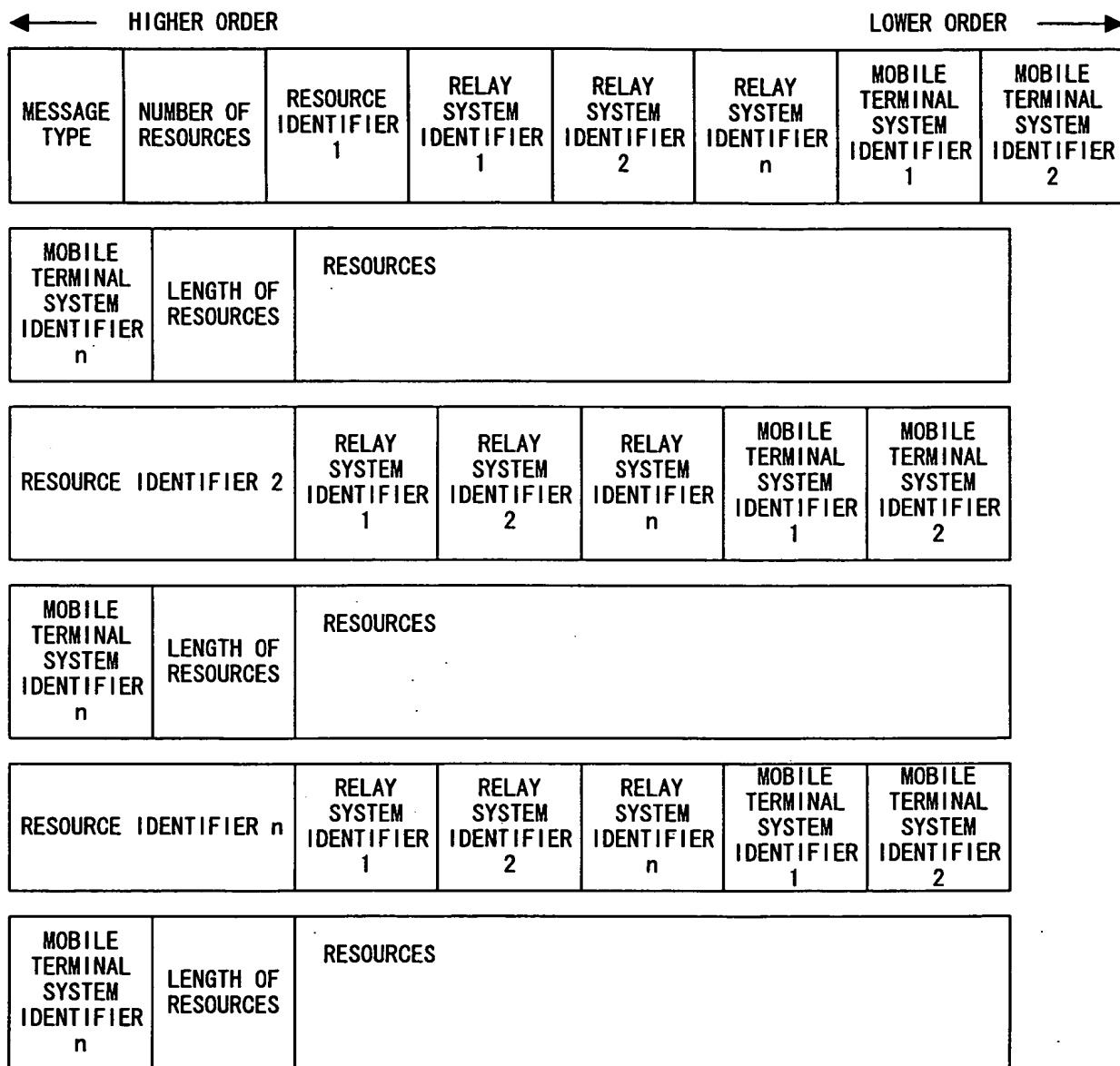


FIG. 10

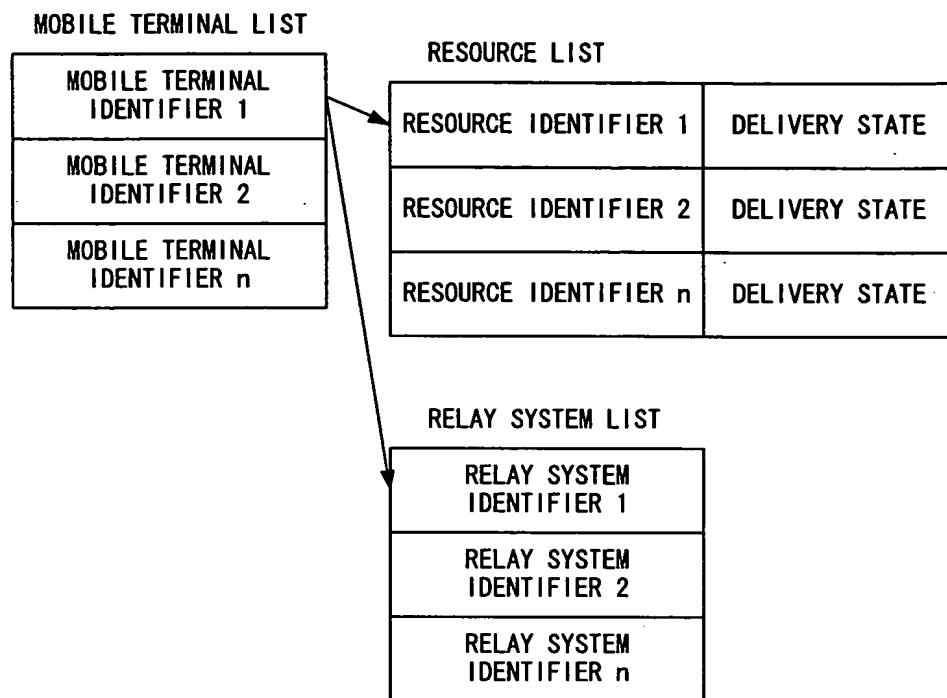


FIG. 11A

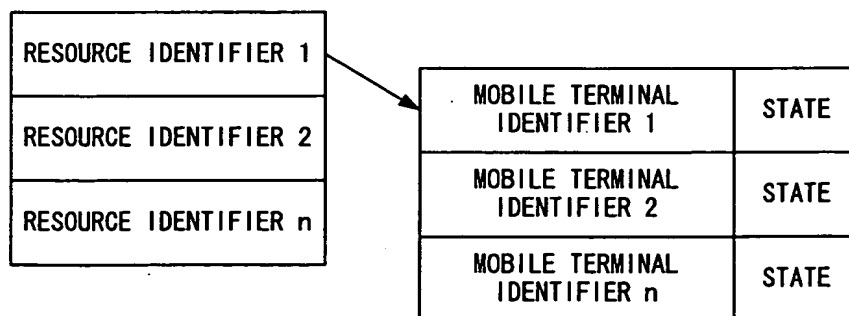
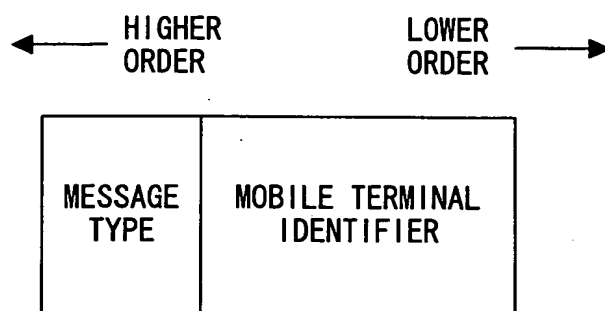


FIG. 11B



F I G. 1 2

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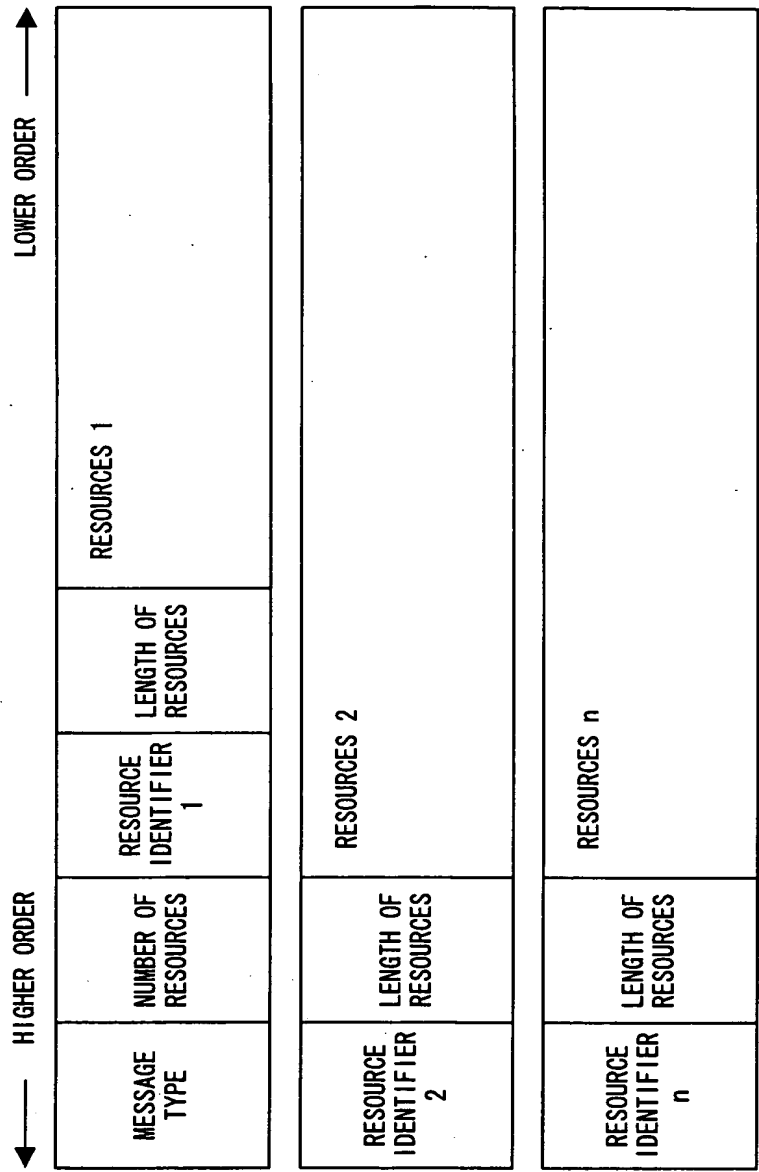


FIG. 13

MESSAGE TYPE

FIG. 14

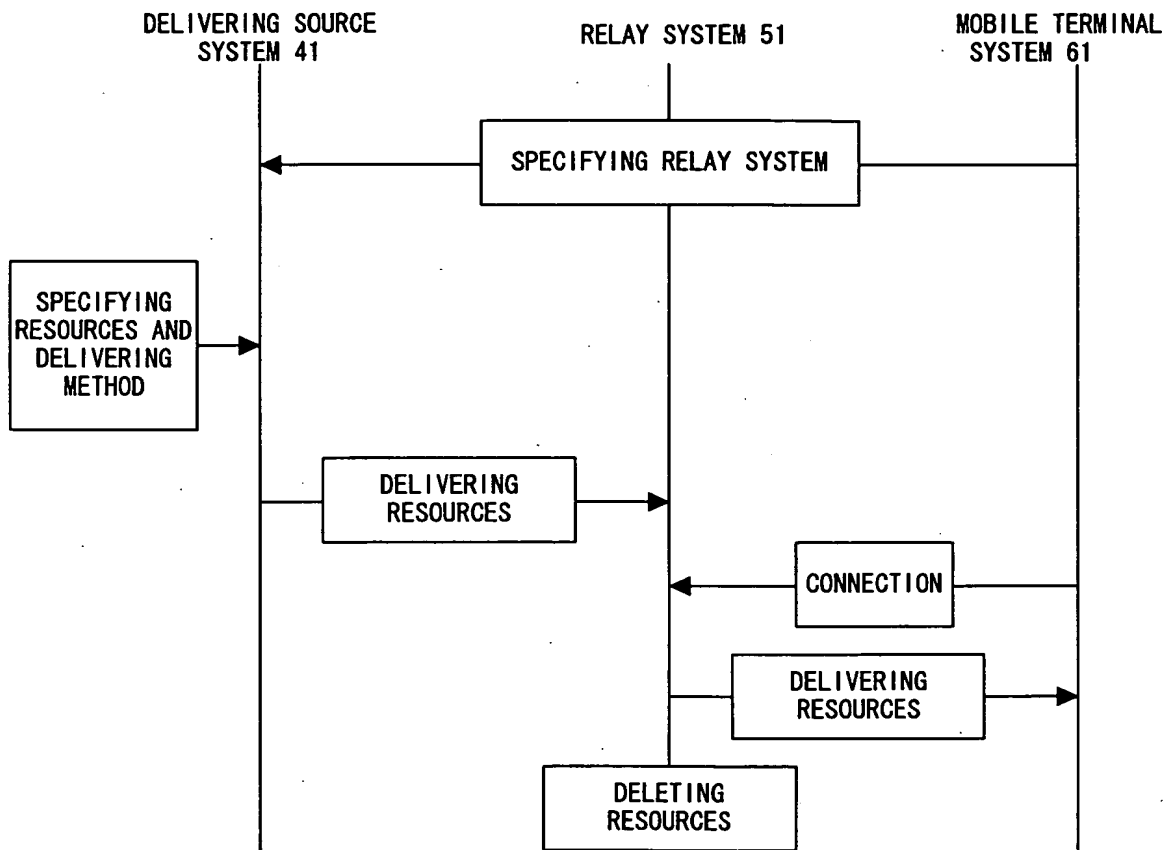


FIG. 15

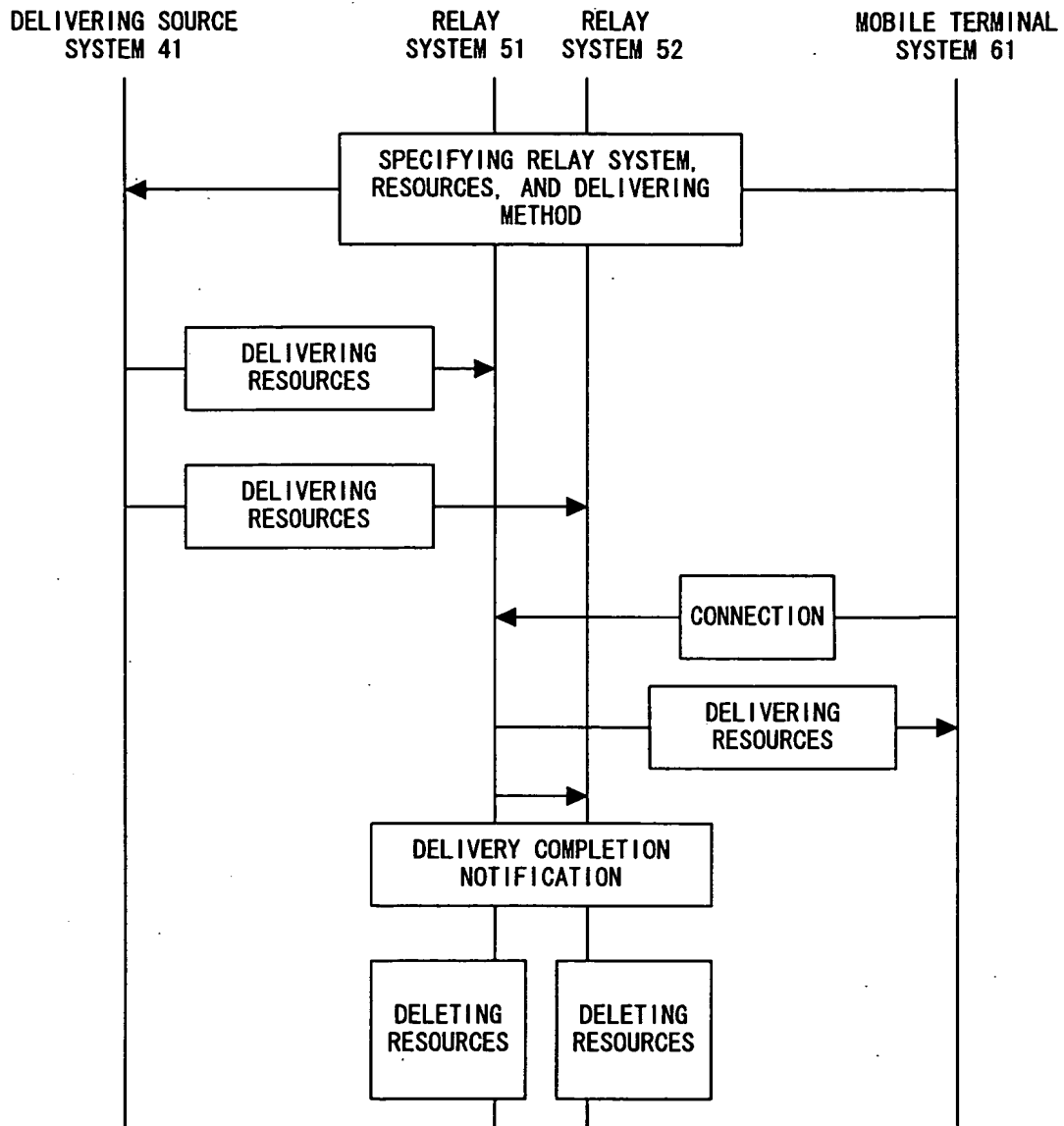


FIG. 16

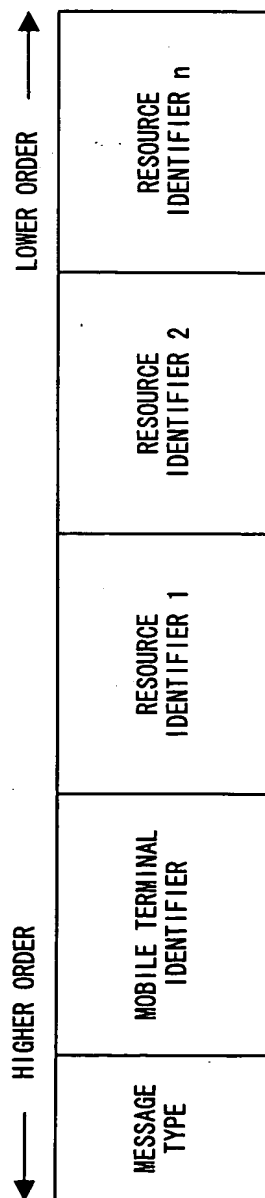


FIG. 17

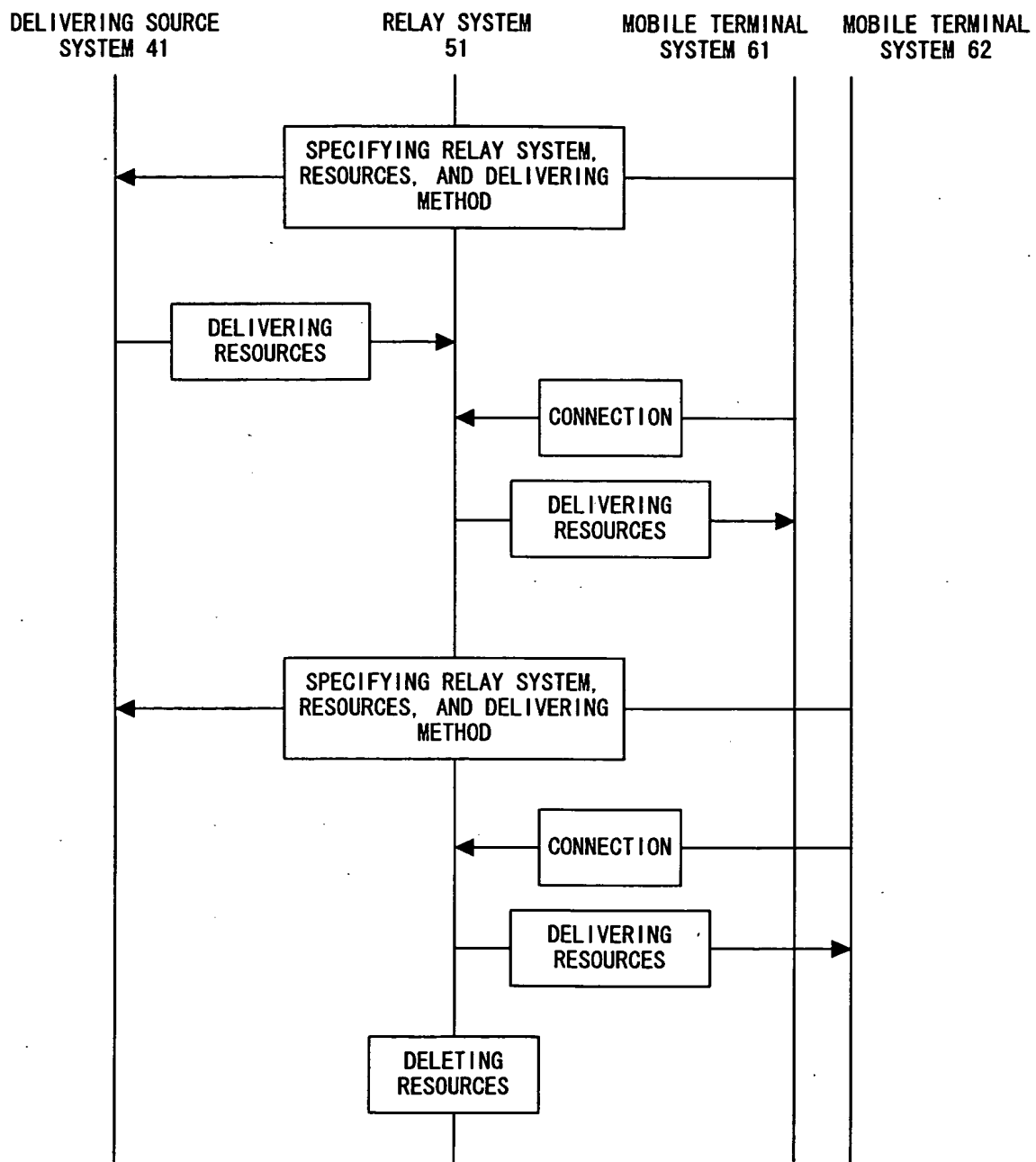


FIG. 18

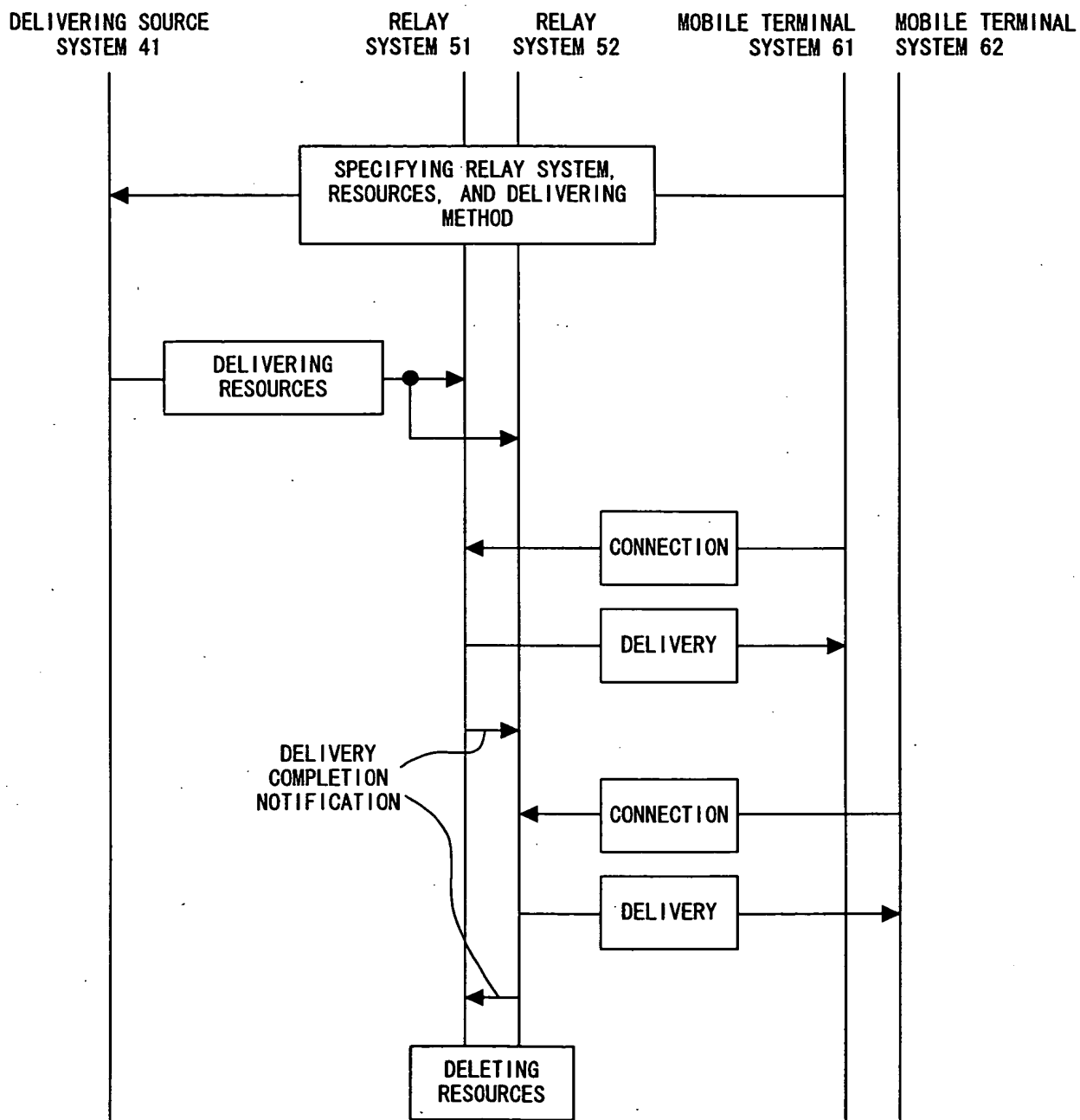


FIG. 19

MOBILE TERMINAL	STATE
61	NOT DELIVERED
62	NOT DELIVERED

MOBILE TERMINAL	STATE
6 1	DELIVERED
6 2	NOT DELIVERED

MOBILE TERMINAL	STATE
61	DELIVERED
62	DELIVERED

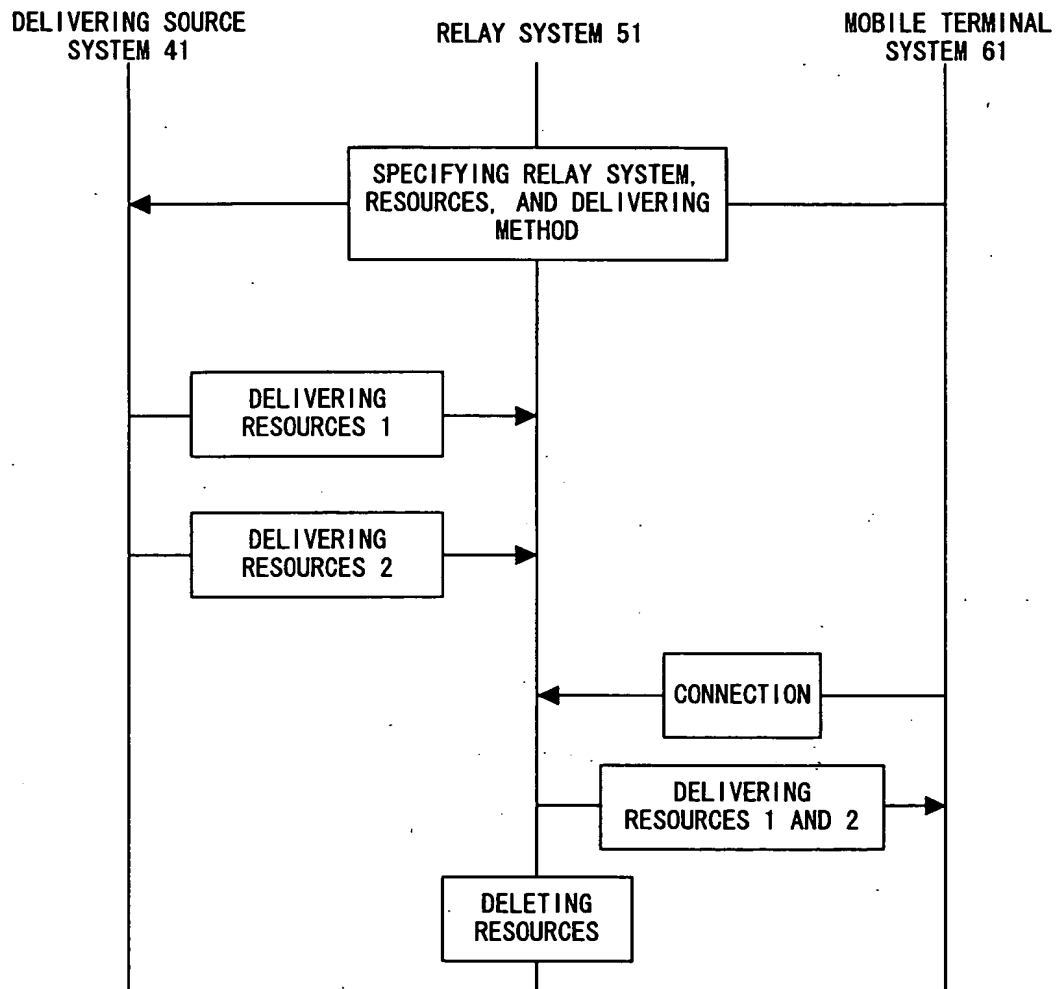


FIG. 21

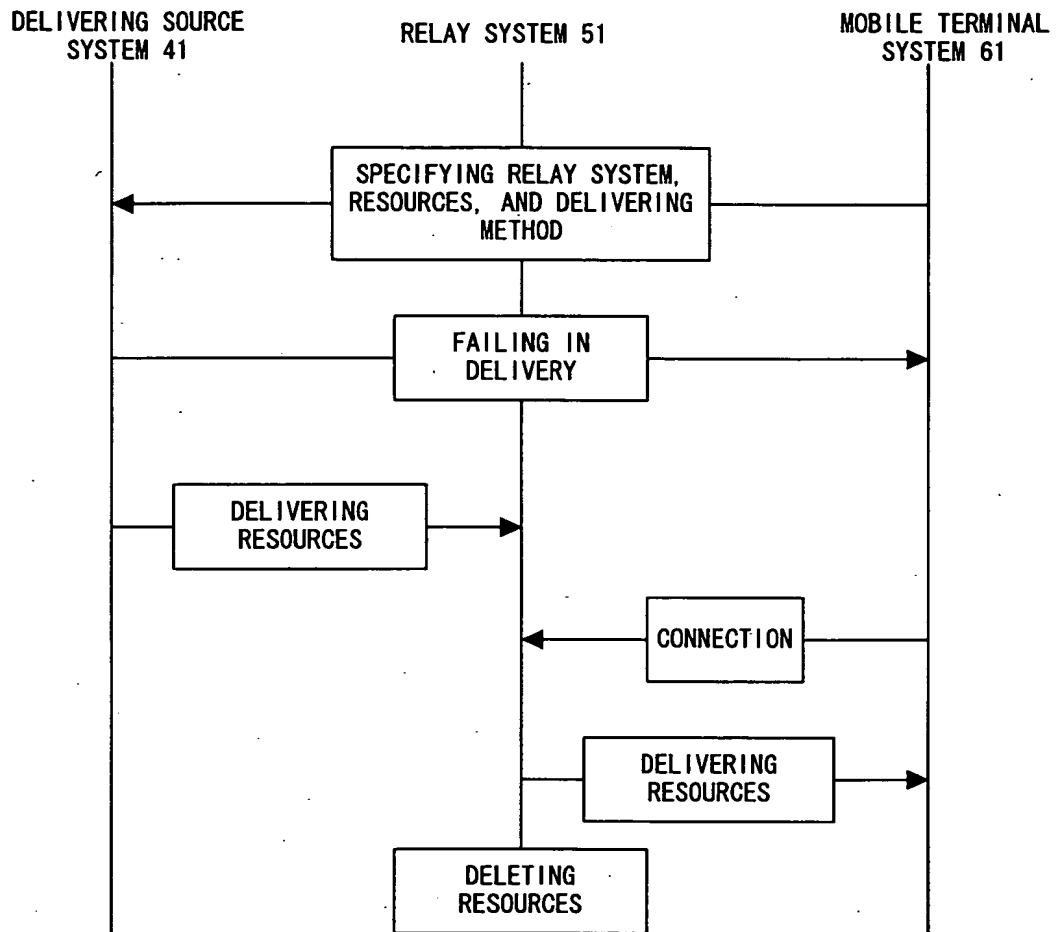


FIG. 22

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sequenceDiagram
    participant D41 as DELIVERING SOURCE  
SYSTEM 41
    participant R51 as RELAY  
SYSTEM 51
    participant R52 as RELAY  
SYSTEM 52
    participant M61 as MOBILE TERMINAL  
SYSTEM 61

    D41->>R51: SPECIFYING RELAY SYSTEM,  
RESOURCES, AND DELIVERING  
METHOD
    R51->>D41: 
    D41->>R51: FAILING IN  
DELIVERING  
RESOURCES
    D41->>R51: DELIVERING  
RESOURCES
    R51->>R52: 
    R52->>R51: CONNECTION
    R52->>R51: NON-DELIVERY  
NOTIFICATION
    R52->>R51: CONNECTION
    R52->>R51: DELIVERING  
RESOURCES
    R52->>R51: DELETING  
RESOURCES
  
```

FIG. 23

SECRET

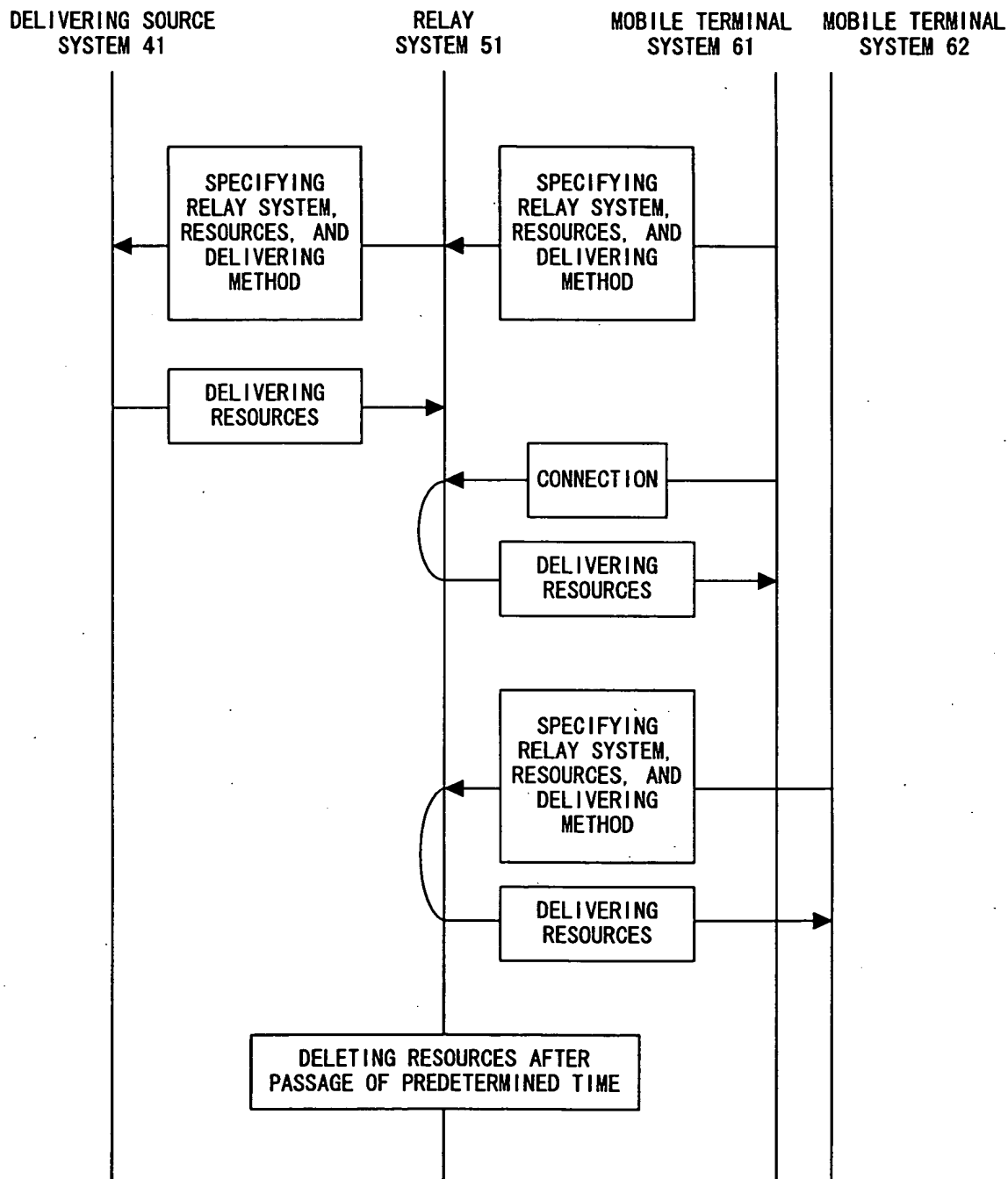


FIG. 24

FIG. 25

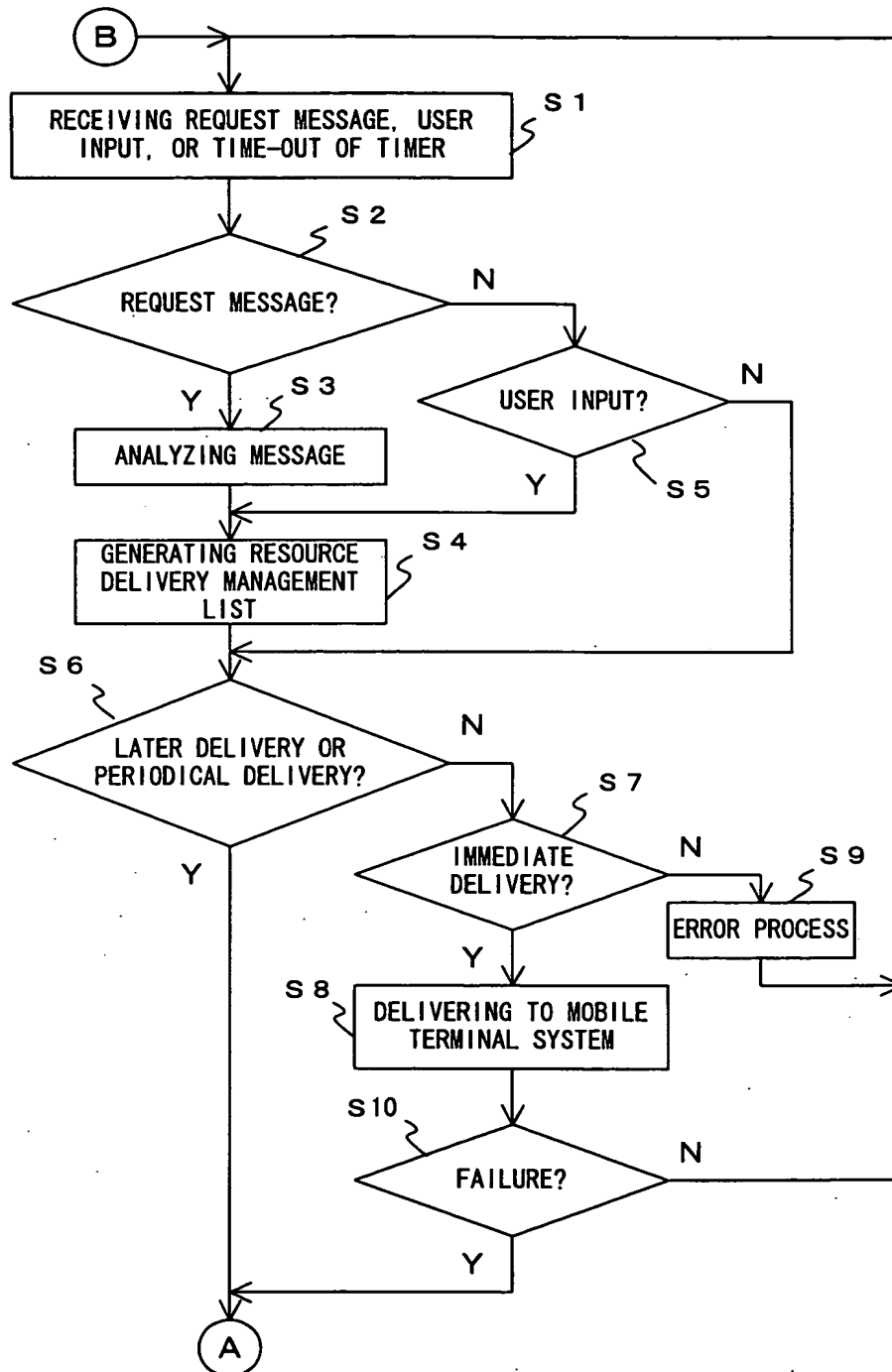


FIG. 26

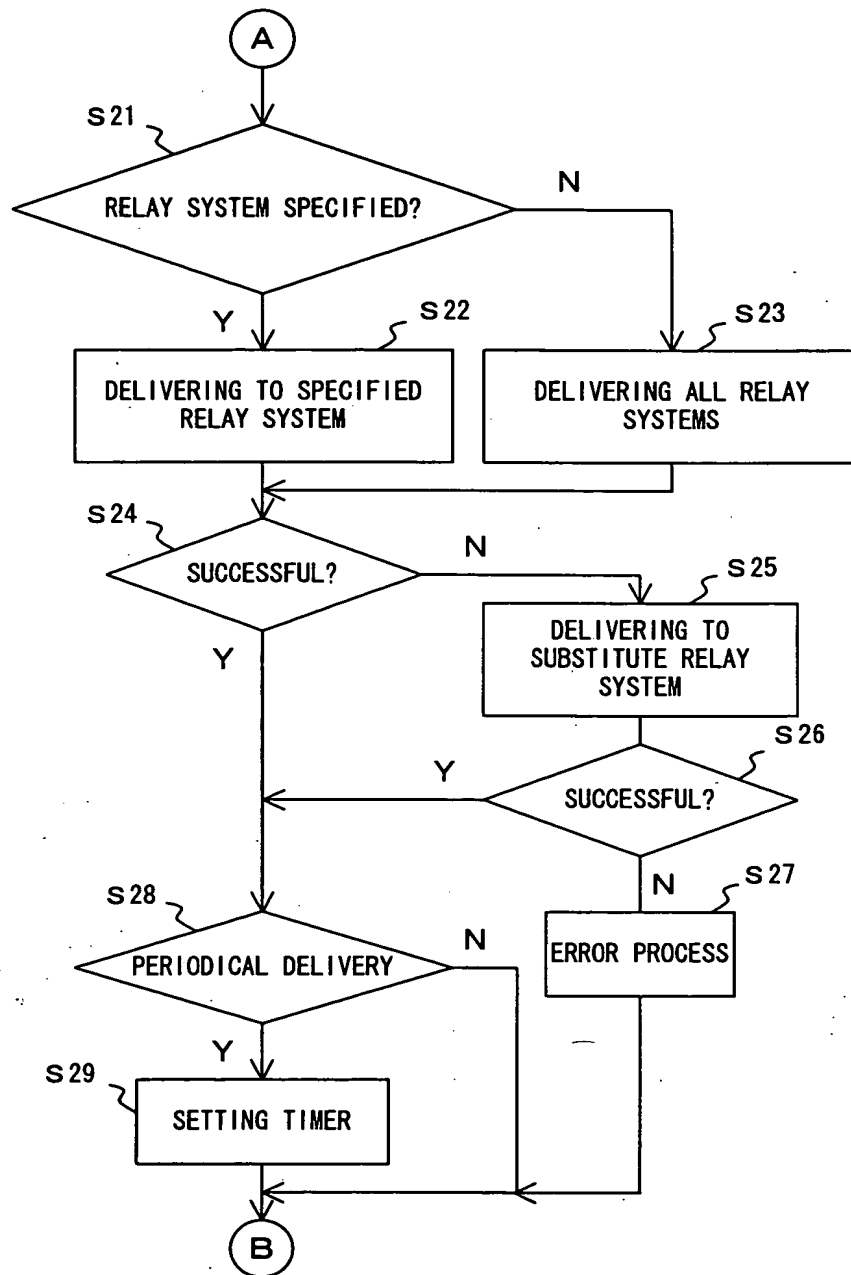


FIG. 27

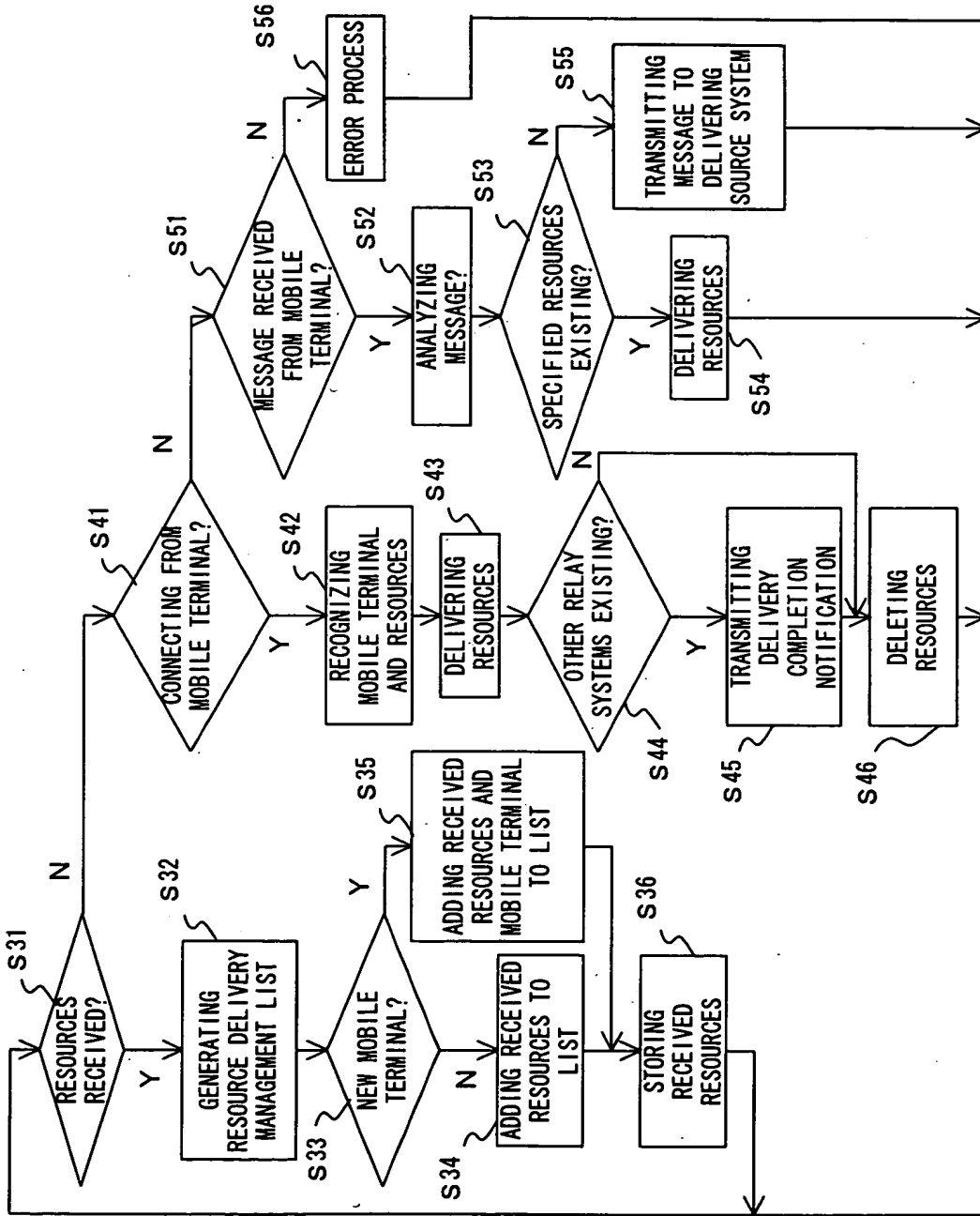


FIG. 28

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graph TD
    START([START]) --> S61[RECEIVING DELIVERY COMPLETION NOTIFICATION]
    S61 --> S62{IS LIST CORRESPONDING TO DELIVERY COMPLETION NOTIFICATION EXISTING IN LIST?}
    S62 -- Y --> S63['NOT DELIVERED' TO 'DELIVERED']
    S62 -- N --> S65[DELETING RESOURCES]
    S63 --> S64{ALL 'DELIVERED' ?}
    S64 -- Y --> S65
    S64 -- N --> S65
    S65 --> END([END])
  
```

FIG. 29

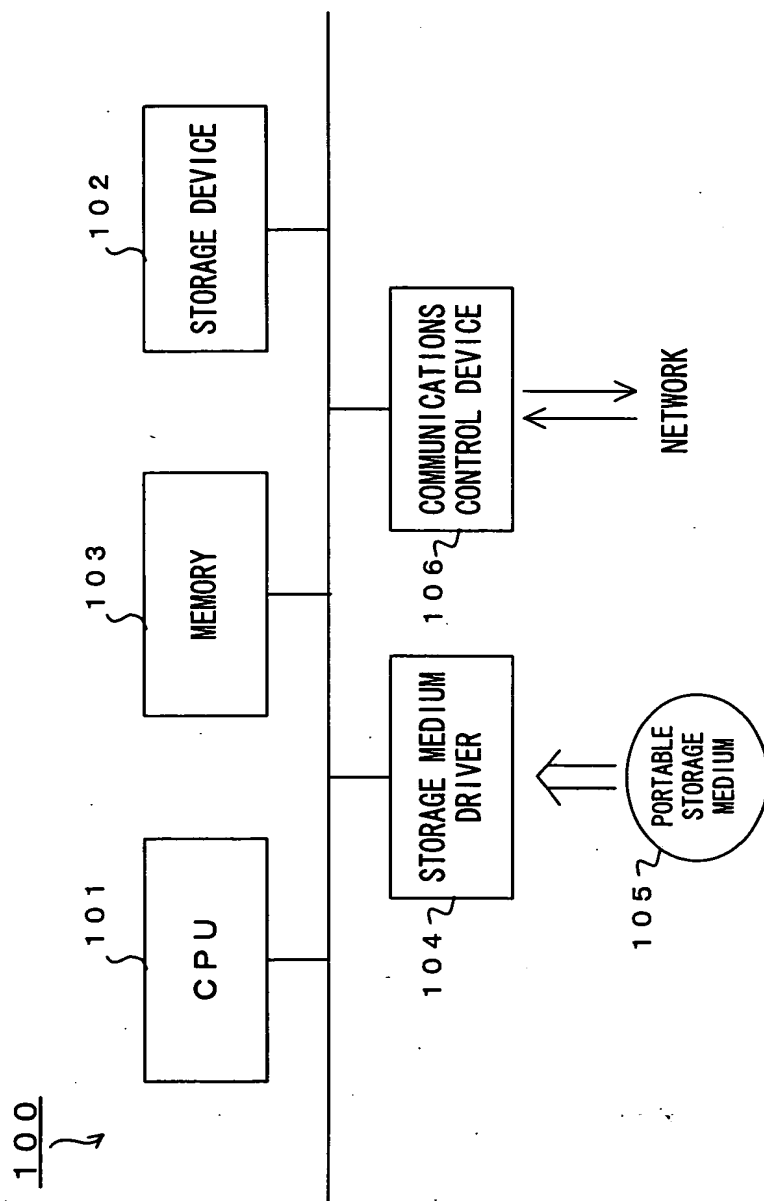


FIG. 30

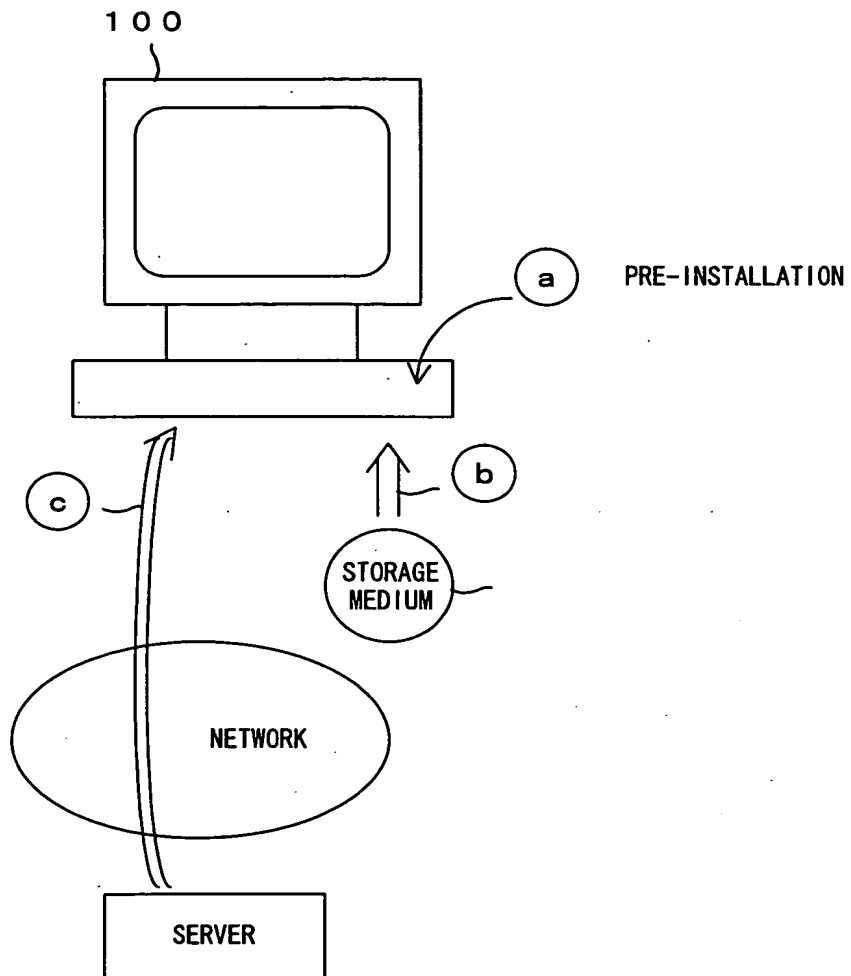
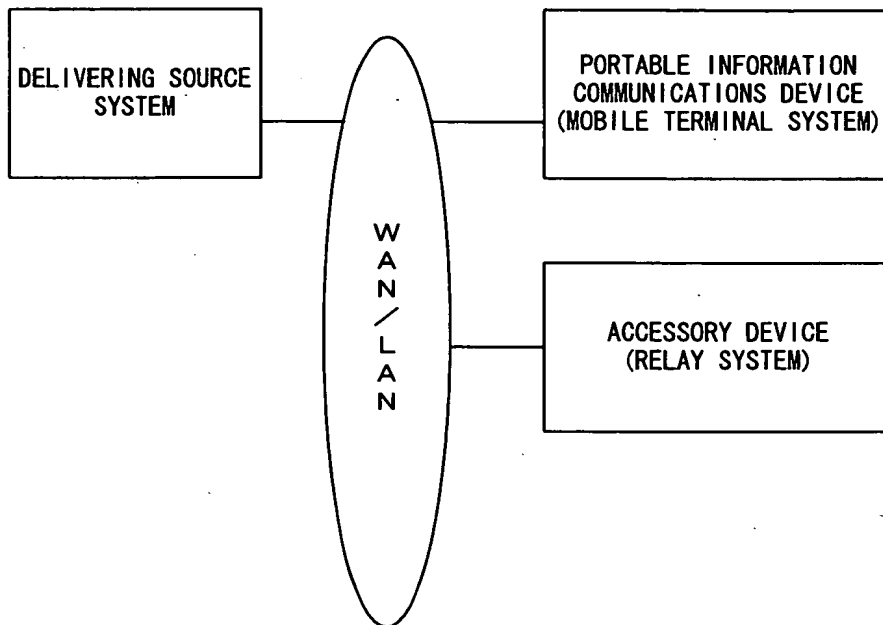


FIG. 31



F I G. 3 2

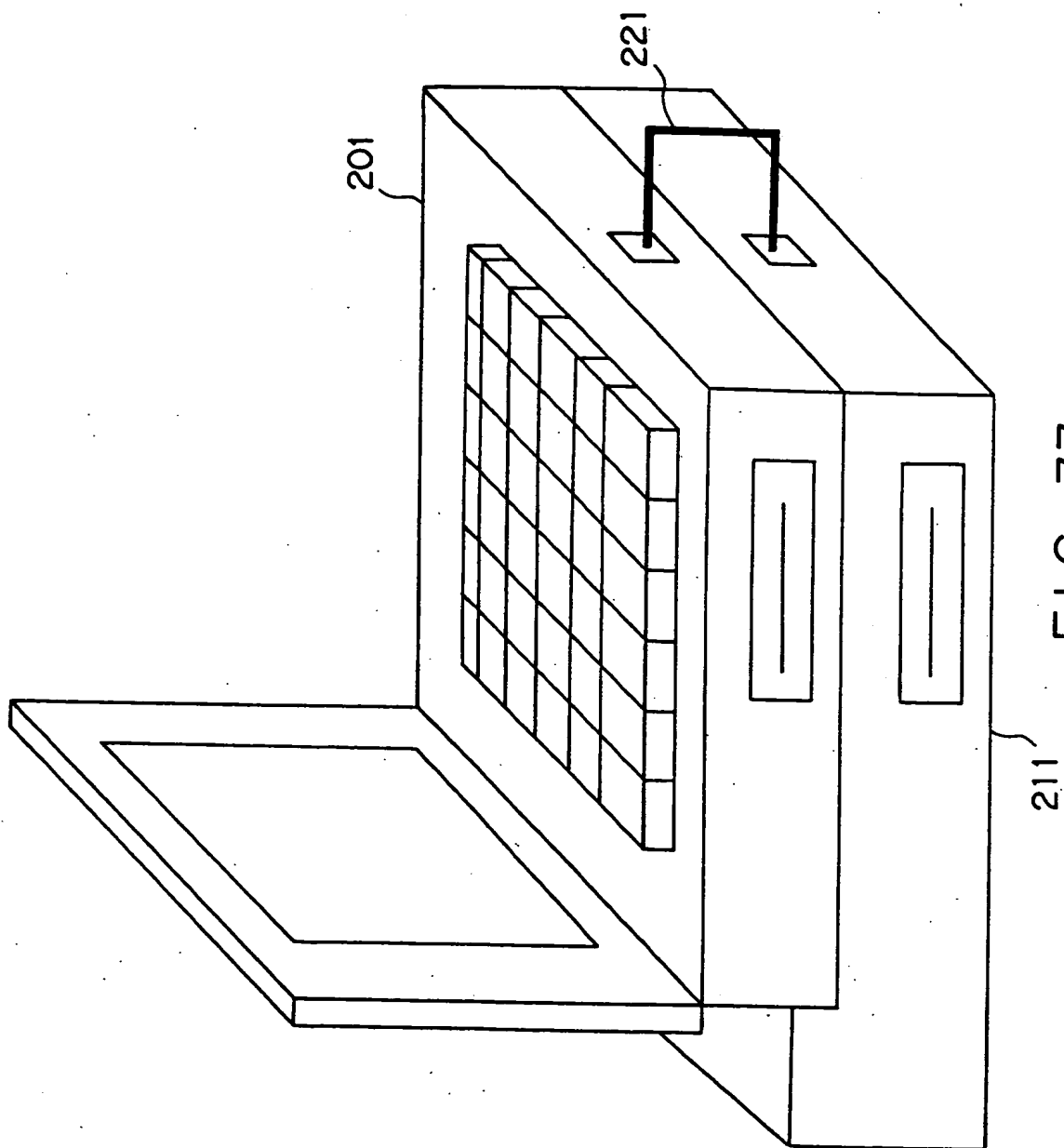


FIG. 33

201 OR 211

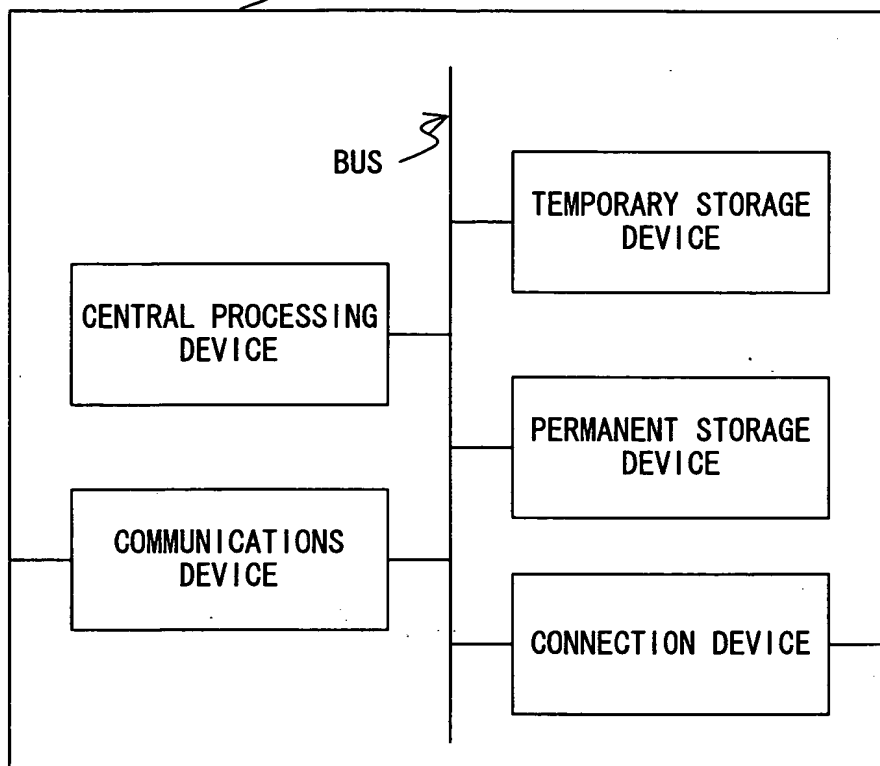


FIG. 34

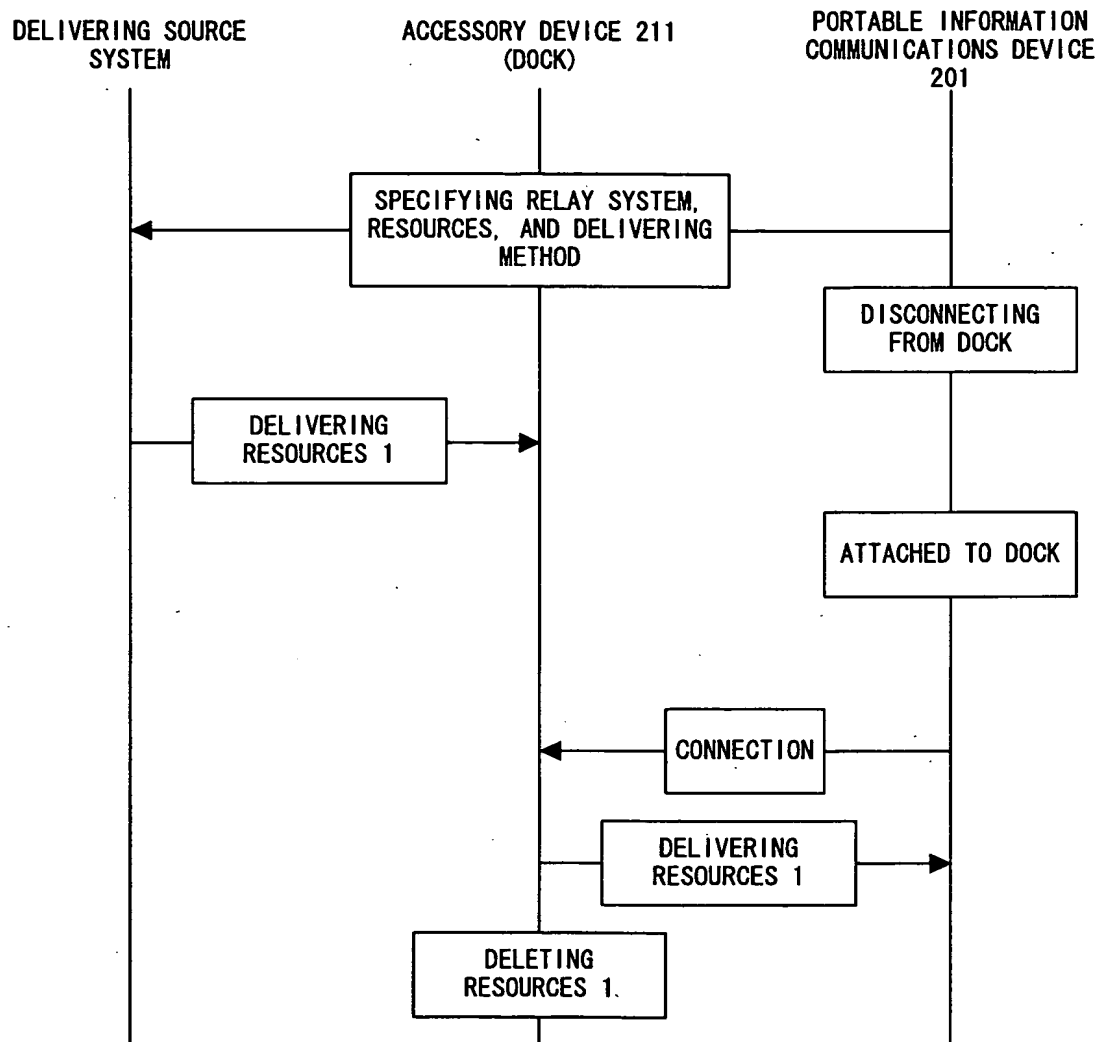


FIG. 35